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OM protein - protein search, using sw model

Run on: June 5, 2003, 14:00:01 ; Search time 22.9091 Seconds
 (without alignments)
 1041.006 Million cell updates/sec

Title: US-09-840-795-19
 Perfect score: 1273
 Sequence: 1 MDCCQENEYWDQWGRVCVTCQR.....AQLFSLDSVPPIPOQQQGPEM 231

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: 392085 seqs, 103240269 residues

Total number of hits satisfying chosen parameters: 392085

Minimum DB seq length: 0
 Maximum DB seq length: 0
 Maximum DB seq length: 0
 Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Published Applications - AA:*

1: /cgn2_6_ptodata/1/pubbaa/US08_NEW_PUB.pep:*

2: /cgn2_6_ptodata/1/pubbaa/PCM_NEW_PUB.pep:*

3: /cgn2_6_ptodata/1/pubbaa/US06_NEW_PUB.pep:*

4: /cgn2_6_ptodata/1/pubbaa/US05_PUBCOMB.pep:*

5: /cgn2_6_ptodata/1/pubbaa/US07_NEW_PUB.pep:*

6: /cgn2_6_ptodata/1/pubbaa/US07_PUBCOMB.pep:*

7: /cgn2_6_ptodata/1/pubbaa/PETUS_PUBCOMB.pep:*

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11: /cgn2_6_ptodata/1/pubbaa/US10_NEW_PUB.pep:*

12: /cgn2_6_ptodata/1/pubbaa/US10_PUBCOMB.pep:*

13: /cgn2_6_ptodata/1/pubbaa/US60_NEW_PUB.pep:*

14: /cgn2_6_ptodata/1/pubbaa/US60_PUBCOMB.pep:*

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result, being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	1273	100.0	231	10 US-09-840-795-19 Sequence 19, Appl
2	1219	95.8	231	9 US-10-046433-61 Sequence 61, Appl
3	1132	88.9	297	9 US-10-241-157-6 Sequence 6, Appl
4	1121	88.1	299	9 US-10-19-466-12 Sequence 12, Appl
5	1121	88.1	299	9 US-10-243-157-3 Sequence 3, Appl
6	1117.5	87.8	268	9 US-10-231-426-1 Sequence 1, Appl
7	97.9	76.9	206	9 US-09-795-753-8 Sequence 8, Appl
8	88.7	69.7	226	9 US-10-046433-5 Sequence 5, Appl
9	815	64.0	197	9 US-09-795-753-10 Sequence 10, Appl
10	536	42.1	159	9 US-10-046433-7 Sequence 7, Appl
11	483	37.9	417	9 US-10-174-590-474 Sequence 474, Appl
12	37.9	37.9	417	9 US-10-174-590-474 Sequence 474, Appl
13	483	37.9	417	9 US-10-174-590-474 Sequence 474, Appl
14	483	37.9	417	9 US-10-173-706-474 Sequence 474, Appl
15	483	37.9	417	9 US-10-175-738-474 Sequence 474, Appl
16	483	37.9	417	9 US-10-175-752-474 Sequence 474, Appl
17	483	37.9	417	9 US-10-176-482-474 Sequence 474, Appl
18	483	37.9	417	9 US-10-176-482-474 Sequence 474, Appl
19	417	9	US-10-176-482-474	Sequence 474, Appl

RESULT 1
 US-09-840-795-19
 Sequence 19, Application US/09840795
 ; Patent No. US20020143147A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Murphy, Erin E.
 ; APPLICANT: Matteson, Jeanine D.
 ; APPLICANT: Bates, Elizabeth Esther Mary
 ; APPLICANT: Gorman, Daniel M.
 ; APPLICANT: Lebecque, Serge J. E.
 ; TITLE OF INVENTION: Mammalian Genes: Related Reagents
 ; FILE REFERENCE: SF018K
 ; CURRENT APPLICATION NUMBER: US/09/840,795
 ; PRIORITY FILING DATE: 2001-04-23
 ; PRIORITY NUMBER: 09/351,777
 ; NUMBER OF SEQ ID NOS: 19
 ; SEQ ID NO: 19
 ; LENGTH: 231
 ; TYPE: PRT
 ; ORGANISM: Primate
 ; US-09-840-795-19
 ; Query Match 100.0%; Score 1273; DB 10; Length 231;
 ; Best Local Similarity 100.0%; Prod. No. 4.3e-100;
 ; Matches 231; Conservative 0; Mismatches 0; Inels 0; Gaps 0;
 ; QY 1 MDCCQENEYWDQWGRVCVTCQRGPGQOELSKDQCGYERGGDAYCTACAPPRTYKSSWMHHKCS 60
 ; 1 MDCCQENEYWDQWGRVCVTCQRGPGQOELSKDQCGYERGGDAYCTACAPPRTYKSSWMHHKCS 60
 ; 1 QLSLVEADAPTVPPOETAVLVALVSSLLVVFATLGLFLFLYCKOFPNRHQCGGILQFEA 180
 ; 121 QLSLVEADAPTVPPOETAVLVALVSSLLVVFATLGLFLFLYCKOFPNRHQCGGILQFEA 180
 ; 181 DKTAKKEESLPPVPSKETSAESQYMAPGSLAQLFSLDSVPPIPOQQQGPEM 231

RESULT 2
US-10-046-433-61
; Sequence 61, Application US/10046433
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR13 and TR14
; FILE REFERENCE: PFS11PI
; CURRENT APPLICATION NUMBER: US/10/046,433
; CURRENT FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 60/1261,960
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/618,570
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/144,087
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 60/149,450
; PRIOR FILING DATE: 1999-07-18
; PRIOR APPLICATION NUMBER: 60/149,712
; PRIOR FILING DATE: 1999-08-20
; PRIOR APPLICATION NUMBER: 60/153,089
; PRIOR FILING DATE: 1999-09-10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 61
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-046-433-61
Query Match 95.8%; Score 1219; DB 9; Length 231;
Best Local Similarity 96.5%; Pred: No. 1.6e-95;
Matches 223; Conservative 2; Mismatches 6; Indels 0; Gaps 0;
QY 1 MDCOENEYMDQWGRGCVTCORCGPQELSKDGCYEGGDAYCTACPPRYKSSNGHKQS 60
1 MDCOENEYMDQWGRGCVTCORCGPQELSKDGCYEGGDAYCTACPPRYKSSNGHKQS 60
Db 61 CITCAVINRQVKVNCTATSNAVCGDCLPRFYRKTRIGGLQDQECPCTKQTPTSEVQCAF 120
61 CITCAVINRQVKVNCTATSNAVCGDCLPRFYRKTRIGGLQDQECPCTKQTPTSEVQCAF 120
QY 121 QLSLVEADAPTVPQEATLVALVSSLLVVFTLAFLGFLFLYCKQFFNRHCQRGQILQEA 180
121 QLSLVEADAPTVPQEATLVALVSSLLVVFTLAFLGFLFLYCKQFFNRHCQRGQILQEA 180
Db 181 DKTAKEESELPVPPSKETSAESQVS 205
Db 181 DKTAKEESELPVPPSKETSAESQVS 205

RESULT 4
US-10-119-466-12
; Sequence 12, Application US/10119466
; Patent No. US20030166674A1
; GENERAL INFORMATION:
; APPLICANT: Chui, Clarissa
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Milton, Sean
; APPLICANT: Yan, Minhong
; APPLICANT: Yi, Sothy
; TITLE OF INVENTION: CLONING METHOD
; FILE REFERENCE: P1797
; CURRENT APPLICATION NUMBER: US/10/119,466
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: US/09/480,782
; PRIOR FILING DATE: 2000-01-10
; NUMBER OF SEQ ID NOS: 12
; SEQ ID NO: 12
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: Homo sapiens
; LOCATION: 1-299
; OTHER INFORMATION:
; US-10-119-466-12
Query Match 98.1%; Score 1121; DB 9; Length 299;
Best Local Similarity 98.6%; Pred: No. 3.9e-87;
Matches 204; Conservative 1; Mismatches 0; Indels 2; Gaps 1;
QY 1 MDCOENEYMDQWGRGCVTCORCGPQELSKDGCYEGGDAYCTACPPRYKSSNGHKQS 60
1 MDCOENEYMDQWGRGCVTCORCGPQELSKDGCYEGGDAYCTACPPRYKSSNGHKQS 60
Db 61 CITCAVINRQVKVNCTATSNAVCGDCLPRFYRKTRIGGLQDQECPCTKQTPTSEVQCAF 120
61 CITCAVINRQVKVNCTATSNAVCGDCLPRFYRKTRIGGLQDQECPCTKQTPTSEVQCAF 120
QY 121 QLSLVEADAPTVPQEATLVALVSSLLVVFTLAFLGFLFLYCKQFFNRHCQRGQILQEA 178
121 QLSLVEADAPTVPQEATLVALVSSLLVVFTLAFLGFLFLYCKQFFNRHCQRGQILQEA 178
Db 179 EADKTAKEESELPVPPSKETSAESQVS 205
Db 181 EADKTAKEESELPVPPSKETSAESQVS 207

RESULT 3
US-10-243-157-6
; Sequence 6, Application US/10243157
; Publication No. US20030092044A1
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P17991
; CURRENT APPLICATION NUMBER: US/10/243,157
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US/09/548,130
; PRIOR FILING DATE: 2000-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO: 6

RESULT 5
US-10-243-157-3
; Sequence 3, Application US/10243157
; Publication No. US20030092044A1
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
; CURRENT APPLICATION NUMBER: US/10/243, 157
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US/09/548, 130
; PRIOR APPLICATION NUMBER: US 60/128, 849
; PRIOR APPLICATION DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO: 3
; LENGTH: 299
; TYPE: PRT
; ORGANISM: Human
US-10-243-157-3

Query Match 88.1%; Score 1121; DB 9; Length 299;
Best Local Similarity 98.6%; Pred. No. 3; 9e-87; 0; Indels 2; Gaps 1;
Matches 204; Conservative 1; Mismatches 0; Indels 2; Gaps 1;

QY 1 MDCCENEYWDQWGRVTCORCGPQELS KDCGCGEGGDACTACGPPRKYKSSWQHHKCS 60
1 MDCCENEYWDQWGRVTCORCGPQELS KDCGCGEGGDACTACGPPRKYKSSWQHHKCS 60
Db 61 CITCAVINRQVKVNTATSNAVCGDCLPRYKRIGIQLQDECIPCTKQTPTSEVQCAF 120
QY 61 CITCAVINRQVKVNTATSNAVCGDCLPRYKRIGIQLQDECIPCTKQTPTSEVQCAF 120
Db 61 CITCAVINRQVKVNTATSNAVCGDCLPRYKRIGIQLQDECIPCTKQTPTSEVQCAF 120
Db 121 QLSLVVEDAPTVPQEATLVALVSSLWVFTLAFGLFLFLYCKOFFNRHICQRGGLQFEA 180
Db 121 QLSLVVEDAPTVPQEATLVALVSSLWVFTLAFGLFLFLYCKOFFNRHICQRGGLQFEA 180
QY 179 EADKTAKESSLFPVPSKETSAESQVS 205
Db 181 EADKTAKESSLFPVPSKETSAESQVS 207

RESULT 6
US-10-231-426-1
; Sequence 1, Application US/10231426
; Publication No. US20030059889A1
; GENERAL INFORMATION:
; APPLICANT: Bodian, Dale L.
; APPLICANT: Labow, Mark
; APPLICANT: Mickalin, Craig S.
; TITLE OF INVENTION: Tumor Necrosis Factor Related Protein-1
; TITLE OF INVENTION: Gene and Protein
; FILE REFERENCE: 4-32139A
; CURRENT APPLICATION NUMBER: US/10/231,426
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 60/317,151
; PRIOR FILING DATE: 2002-09-05
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 1
; LENGTH: 268
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-231-426-1

Query Match 87.8%; Score 1117.5; DB 9; Length 268;
Best Local Similarity 97.1%; Pred. No. 6.9e-87; 4; Indels 1; Gaps 1;
Matches 204; Conservative 1; Mismatches 4; Indels 1; Gaps 1;

QY 1 MDCCENEYWDQWGRVTCORCGPQELS KDCGCGEGGDACTACGPPRKYKSSWQHHKCS 60
1 MDCCENEYWDQWGRVTCORCGPQELS KDCGCGEGGDACTACGPPRKYKSSWQHHKCS 60
Db 61 CITCAVINRQVKVNTATSNAVCGDCLPRYKRIGIQLQDECIPCTKQTPTSEVQCAF 120
QY 61 CITCAVINRQVKVNTATSNAVCGDCLPRYKRIGIQLQDECIPCTKQTPTSEVQCAF 120
Db 121 QLSLVVEDAPTVPQEATLVALVSSLWVFTLAFGLFLFLYCKOFFNRHICQRGGLQFEA 180
QY 181 DKTAKKESSLFPVPSKETSAESQVS 210
Db 180 DKTAKKESSLFPVPSKETSAESQVS 209

RESULT 7
US-09-796-753-8
; Sequence 8, Application US/09796753
; Publication No. US20030027998A1
; GENERAL INFORMATION:
; APPLICANT: McCarthy, Sean A.
; TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
; FILE REFERENCE: 7853 227-999
; CURRENT APPLICATION NUMBER: US/09/796,753
; CURRENT FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 09/183, 175
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: 09/223, 094
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/223, 546
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/224, 246
; PRIOR FILING DATE: 1998-12-30
; PRIOR APPLICATION NUMBER: 09/225, 388
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 60/122, 458
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: 09/312, 359
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/336, 536
; PRIOR FILING DATE: 1999-06-18
; PRIOR APPLICATION NUMBER: 09/342, 687
; PRIOR FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 09/345, 464
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 09/365, 164
; PRIOR FILING DATE: 1999-07-30
; PRIOR APPLICATION NUMBER: 09/399, 723
; PRIOR FILING DATE: 1999-09-20
; PRIOR APPLICATION NUMBER: 09/409, 634
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: 09/471, 179
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: 09/474, 071
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/474, 072
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/514, 010
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: 09/516, 745
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: 09/572, 002
; PRIOR FILING DATE: 2000-05-14
; PRIOR APPLICATION NUMBER: 09/597, 993
; PRIOR FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/599, 596
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/630, 334
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 09/606, 565
; PRIOR FILING DATE: 2000-06-29

PRIOR APPLICATION NUMBER: 09/606, 317
 PRIOR FILING DATE: 2000-06-29
 PRIOR APPLICATION NUMBER: 09/665, 666
 PRIOR FILING DATE: 2000-09-20
 PRIOR APPLICATION NUMBER: 09/677, 751
 PRIOR FILING DATE: 2000-09-30
 NUMBER OF SEQ ID NOS: 162
 SEQ ID NO: 8
 LENGTH: 206
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-796-753-8

Query Match 76.9%; Score 979; DB 9; Length 206;
 Best Local Similarity 95.1%; Pred. No. 1; 5e-75; Matches 175; Conservative 2; Mismatches 5; Indels 2; Gaps 1;

QY 1 MCQENEYWDDQNGRCYTCQRCGPQELSKDCGEGGDAYCTACPPRRYKSSWGHHKCQS 60
 DB 9 MDQENEYWDDQNGRCYTCQRCGPQELSKDCGEGGDAYCTACPPRRYKSSWGHHKCQS 68
 QY 61 CITCAVIRVKVQVNCATSNAVGDCPFLPRYKTRIGGLQDQECIPCTKOPTSEVOCAF 120
 DB 69 CITCAVIRVKVQVNCATSNAVGDCPFLPRYKTRIGGLQDQECIPCTKOPTSEVOCAF 128
 QY 121 QLSLVEADAPTPVPOEATLVALVSSLLVFLTLAFLGLFLYCKOFFNRHCQRGKGCMP 178
 DB 129 QLSLVEADAPTPVPOEATLVALVSSLLVFLTLAFLGLFLYCKOFFNRHCQRGKGCMP 188
 QY 179 EADK 182
 DB 189 HMNQ 192

RESULT 8
 US-10-046-433-5
 Sequence 5, Application US/10046433
 Publication No. US20030092101A1

GENERAL INFORMATION:
 APPLICANT: Human Genome Sciences, Inc.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR13 and TR14
 FILE REFERENCE: PF511PL
 CURRENT APPLICATION NUMBER: US/10/046,433
 CURRENT FILING DATE: 2002-01-16
 PRIOR APPLICATION NUMBER: 60/261, 960
 PRIOR FILING DATE: 2001-01-17
 PRIOR APPLICATION NUMBER: 09/618, 570
 PRIOR FILING DATE: 2000-07-14
 PRIOR APPLICATION NUMBER: 60/144, 087
 PRIOR FILING DATE: 1999-07-16
 PRIOR APPLICATION NUMBER: 60/149, 450
 PRIOR FILING DATE: 1999-07-18
 PRIOR APPLICATION NUMBER: 60/149, 712
 PRIOR FILING DATE: 1999-08-20
 PRIOR APPLICATION NUMBER: 60/153, 089
 PRIOR FILING DATE: 1999-09-10
 NUMBER OF SEQ ID NOS: 61
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 5
 LENGTH: 226
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-046-433-5

Query Match 69.7%; Score 887; DB 9; Length 226;
 Best Local Similarity 97.1%; Pred. No. 1; 7e-67; Matches 169; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 58 CQSCITCAVIRVKVQVNCATSNAVGDCPFLPRYKTRIGGLQDQECIPCTKOPTSEVQ 117
 DB 53 CRYACTCAVIRVKVQVNCATSNAVGDCPFLPRYKTRIGGLQDQECIPCTKOPTSEVQ 112
 QY 118 CAFOLSLVEADAPTPVPOEATLVALVSSLLVFLTLAFLGLFLYCKOFFNRHCQRGKGLQ 177

RESULT 9
 US-09-796-753-10
 Sequence 10, Application US/09796753
 Publication No. US20030027998A1

GENERAL INFORMATION:
 APPLICANT: McCarthy, Sean A.
 TITLE OF INVENTION: SECRETED PROTEINS AND USES THEREOF
 FILE REFERENCE: 7853-227-999
 CURRENT APPLICATION NUMBER: US/09/796, 753
 CURRENT FILING DATE: 2001-03-01
 PRIOR APPLICATION NUMBER: 09/183, 175
 PRIOR FILING DATE: 1998-10-30
 PRIOR APPLICATION NUMBER: 09/223, 094
 PRIOR FILING DATE: 1999-12-30
 PRIOR APPLICATION NUMBER: 09/223, 546
 PRIOR FILING DATE: 1998-12-30
 PRIOR APPLICATION NUMBER: 09/224, 246
 PRIOR FILING DATE: 1998-12-30
 PRIOR APPLICATION NUMBER: 09/259, 388
 PRIOR FILING DATE: 1999-02-26
 PRIOR APPLICATION NUMBER: 60/122, 458
 PRIOR FILING DATE: 1999-03-01
 PRIOR APPLICATION NUMBER: 09/312, 359
 PRIOR FILING DATE: 1999-05-14
 PRIOR APPLICATION NUMBER: 09/336, 536
 PRIOR FILING DATE: 1999-06-18
 PRIOR APPLICATION NUMBER: 09/342, 687
 PRIOR FILING DATE: 1999-06-29
 PRIOR APPLICATION NUMBER: 09/345, 464
 PRIOR FILING DATE: 1999-06-30
 PRIOR APPLICATION NUMBER: 09/365, 164
 PRIOR FILING DATE: 1999-07-30
 PRIOR APPLICATION NUMBER: 09/399, 723
 PRIOR FILING DATE: 1999-09-20
 PRIOR APPLICATION NUMBER: 09/409, 634
 PRIOR FILING DATE: 1999-09-30
 PRIOR APPLICATION NUMBER: 09/471, 179
 PRIOR FILING DATE: 1999-12-23
 PRIOR APPLICATION NUMBER: 09/474, 071
 PRIOR FILING DATE: 1999-12-29
 PRIOR APPLICATION NUMBER: 09/474, 072
 PRIOR FILING DATE: 1999-12-29
 PRIOR APPLICATION NUMBER: 09/514, 010
 PRIOR FILING DATE: 2000-02-25
 PRIOR APPLICATION NUMBER: 09/515, 745
 PRIOR FILING DATE: 2000-03-01
 PRIOR APPLICATION NUMBER: 09/572, 002
 PRIOR FILING DATE: 2000-05-14
 PRIOR APPLICATION NUMBER: 09/597, 993
 PRIOR FILING DATE: 2000-06-19
 PRIOR APPLICATION NUMBER: 09/599, 596
 PRIOR FILING DATE: 2000-06-22
 PRIOR APPLICATION NUMBER: 09/630, 334
 PRIOR FILING DATE: 2000-07-31
 PRIOR APPLICATION NUMBER: 09/606, 565
 PRIOR FILING DATE: 2000-06-29
 PRIOR APPLICATION NUMBER: 09/605, 317
 PRIOR FILING DATE: 2000-06-29
 PRIOR APPLICATION NUMBER: 09/665, 666
 PRIOR FILING DATE: 2000-06-20
 PRIOR APPLICATION NUMBER: 09/677, 751
 PRIOR FILING DATE: 2000-09-30
 NUMBER OF SEQ ID NOS: 162
 SEQ ID NO: 10
 LENGTH: 197

Db 113 CAFOLSLVEADAPTPVPOEATLVALVSSLLVFLTLAFLGLFLYCKOFFNRHCQRGKGLQ 172
 QY 178 FEADKTAKEESLFPVPPSKETSASEQVSWAPGSLAQFLSDSVPPQDQGPEM 231
 Db 173 FEADKTAKEESLFPVPPSKETSASEQVSWAPGSLAQFLSDSVPPQDQGPEM 226

TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-796-753-10

Query Match 64.0%; Score 815; DB 9; Length 197;
; Best Local Similarity 97.3%; Pred. No. 1 7e-61; Indels 0; Gaps 0;
; Matches 142; Conservative 2; Mismatches 12; Indels 0; Gaps 0;
; Sequence 7, Application US/10046433

Publication No. US20030092101A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR13 and TR14
; FILE REFERENCE: P511P1
; CURRENT APPLICATION NUMBER: US/10/046,433
; CURRENT FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 60/261,960
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/618,570
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/144,087
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 60/149,450
; PRIOR FILING DATE: 1999-07-18
; PRIOR APPLICATION NUMBER: 60/149,712
; PRIOR FILING DATE: 1999-08-20
; PRIOR APPLICATION NUMBER: 60/2153,089
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 159
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-046-433-7

RESULT 10
; Sequence 7, Application US/10046433

US-10-046-433-7
; Best Local Similarity 44.4%; Pred. No. 4 4e-33; Indels 0; Gaps 0;
; Matches 87; Conservative 29; Mismatches 80; Indels 0; Gaps 0;
; Sequence 7, Application US/10046433

Publication No. US20030092101A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR13 and TR14
; FILE REFERENCE: P511P1
; CURRENT APPLICATION NUMBER: US/10/046,433
; CURRENT FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 60/261,960
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 09/618,570
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/144,087
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: 60/149,450
; PRIOR FILING DATE: 1999-07-18
; PRIOR APPLICATION NUMBER: 60/149,712
; PRIOR FILING DATE: 1999-08-20
; PRIOR APPLICATION NUMBER: 60/2153,089
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 159
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-046-433-7

RESULT 11
; Sequence 7, Application US/10046433

US-10-174-590-474
; Best Local Similarity 95.3%; Pred. No. 4 9e-30; Indels 0; Gaps 0;
; Matches 102; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
; Sequence 7, Application US/10046433

Publication No. US20030092101A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gorney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watabane, Coljin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: SECRETED ENCODING THE SAME
; FILE REFERENCE: P3430RC104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 474
; LENGTH: 417
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-174-590-474

RESULT 12
; Sequence 474, Application US/10176758

US-10-176-758-474
; Best Local Similarity 44.4%; Pred. No. 4 4e-33; Indels 0; Gaps 0;
; Matches 87; Conservative 29; Mismatches 80; Indels 0; Gaps 0;
; Sequence 474, Application US/10176758

Publication No. US2003008353A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gorney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watabane, Coljin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430RC104
; CURRENT APPLICATION NUMBER: US/10/176,758
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 474
; LENGTH: 417
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-176-758-474

RESULT 13
; Sequence 474, Application US/10174590

US-10-176-758-474
; Best Local Similarity 44.4%; Pred. No. 4 4e-33; Indels 0; Gaps 0;
; Matches 87; Conservative 29; Mismatches 80; Indels 0; Gaps 0;
; Sequence 474, Application US/10174590

Publication No. US2003008352A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Zhang, Zemin

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RESULT 13
; Sequence 474, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanaabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C7
; CURRENT APPLICATION NUMBER: US/10/173, 706
; CURRENT FILING DATE: 2002-06-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 474
; LENGTH: 417
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-173-706-474

Query Match 37.9%; Score 483; DB 9; Length 417;
Best Local Similarity 44.4%; Pred. NO. 4 4e-33;
Matches 87; Conservative 29; Mismatches 80; Indels 0; Gaps 0;
Query 2 DCQENEYWDQGRCVTCQRCGPQGOELSKDPCGIGGGDACTACPPRKYKSSWHHKQSC 61
Db 33 DCQQEFDRSQGNCVPCNQGPMELSKECGPGYEGDQCVICRLRKEQDNGFQKXPC 92
Query 62 ITGAVINRQKVNTATSNAVGQCLPRYRKTRIGGQDQRCIPCTKQPTSEVQCAFO 121
Db 93 LDCAVWRQKANSAQTSDAICGDCLPFGYRKTRIGGQDQRCIPCTKQPTSEVQCAFO 152
Query 122 LSLVEADAPTPVPOEATVALVSSILVVFATLIGFLFLYCKOFFNRHQQRGGLPPEAD 181
Db 153 VNLVKAISTASSPDTALAVICSAATVLLALLLICVICKRQFMRKPSWSLRSQDQ 212
Query 182 KTAKEESLPPVPSKE 197
Db 213 YNGSELSCFDRQHLE 228

RESULT 14
; Sequence 474, Application US/10173706
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanaabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175, 738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 474
; LENGTH: 417
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-175-738-474

Query Match 37.9%; Score 483; DB 9; Length 417;
Best Local Similarity 44.4%; Pred. NO. 4 4e-33;
Matches 87; Conservative 29; Mismatches 80; Indels 0; Gaps 0;
Query 2 DCQENEYWDQGRCVTCQRCGPQGOELSKDPCGIGGGDACTACPPRKYKSSWHHKQSC 61
Db 33 DCQQEFDRSQGNCVPCNQGPMELSKECGPGYEGDQCVICRLRKEQDNGFQKXPC 92
Query 62 ITGAVINRQKVNTATSNAVGQCLPRYRKTRIGGQDQRCIPCTKQPTSEVQCAFO 121
Db 93 LDCAVWRQKANSAQTSDAICGDCLPFGYRKTRIGGQDQRCIPCTKQPTSEVQCAFO 152
Query 122 LSLVEADAPTPVPOEATVALVSSILVVFATLIGFLFLYCKOFFNRHQQRGGLPPEAD 181
Db 153 VNLVKAISTASSPDTALAVICSAATVLLALLLICVICKRQFMRKPSWSLRSQDQ 212
Query 182 KTAKEESLPPVPSKE 197
Db 213 YNGSELSCFDRQHLE 228

RESULT 15
; Sequence 474, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanaabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C45
; CURRENT APPLICATION NUMBER: US/10/175, 738
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 474
; LENGTH: 417
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-175-738-474

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Query Match	37.9%	Score 483;	DB 9;	Length 417;
Best Local Similarity	44.4%	pred. No. 4.4e-33;	DB 9;	Length 417;
Matches	87;	Conservative	29;	Mismatches 80;
2	DCQENEYVNDQWGRGCVTCRGPGQGOELSIDCGYGGGDAYCTACPPRRYKSSWGHHKCSC	61		
33	DCRQEKFDRSGNCVCPNCQGPMHLSKCGFGYGEDAQCVTCRLHRKFEDWGQKCKPC	92		
62	ITCAVINVYKVNCNTATSNAVCGDCLPFRYKTRIGGQDQECIPCTKQTPTSEVOCARO	121		
93	LDCAVNNRQKANGSATSDAICGDCGLPSPYRKTKLVGFQDMECVCPGDPPPPYPHCAK	152		
122	LSVLEADAPTVPPQEAATLVAWSLLVETLAFIGLFELYCKQFNRRHQGQGLQFEAD	181		
153	UVLVIKIASTPSSPRDTALAAVICSALATVLLALLLICVIYCKRQFEMKEKPSWSLRSQDQ	212		
182	KTAKEESELPVPPSKE	197		
213	YNGSELSDPDRQPLHE	228		

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Job time : 23.9091 secs

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